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ABSTRACT

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NATIONAL COLLEGIATE SOFTWARE CLEARINGHOUSE

software for the humanities and social sciences

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NATIONAL COLLEGIATE SOFTWARE CLEARINGHOUSE

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The Social Science Computer Review is published by Duke University Press and serves as a focal point for a network of hundreds of college social science units interested in statistics, simulation, and other applications of microcomputing. Submission of papers (20 pp. double spaced) and reports (6 pp.)welcomed. The SSMR also serves as the official print source of information on ScholarNet, national online networks for scholars in the social sciences and humanities, and for the National Collegiate Software Clearinghouse of NCSU Software. Subscription is $28 individual, $56 libraries; add $6 surcharge if outside US;US funds only; pay to "Duke University Press".

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SOFTWARE LISTING

Each product is coded by intended audience level; (HS/FR) for high school or freshman level; (UG) for undergraduate; or (SR/GR) for senior or graduate use. Categories are approximations only.

Products with a code of RF are user-supported: purchase from NCSC is for evaluation only and continued use requires payment of the registration fee listed (eg., RF25 signifies a fee of $25.00.) User supported software have manuals on disk only.

Products coded PD are public domain. Those coded DEMO are working but limited versions of commercial programs sold for a fee. PD and DEMO software have manuals on disk only but require no registration fee.

For prices and version numbers see page 23.

ANTHROPOLOGY

HRAF RESEARCH SERIES IN QUANTITATIVE CROSS-CULTURAL DATA
The data on these volumes are formatted to be compatible with SAS, SPSS, CRISP, SYSTAT, and many other micro and mainframe statistical packages allowing fixed-format data. The data disks come in 6 formats: Lotus 1-2-3, dBASE, SPSS/PC, comma-delimited ASCII format, Standard Data Format, Data Interchange Format and Crisp (tm) format. A codebook is included.

VOLUME I: GENERAL CULTURAL AND RELIGIOUS DATA (IBM)
General cultural and religious data for sixty cultures in the Probability Sample Files. The 103 variables cover a wide range of topics including religion, social organization, demography, warfare, social problems, cultural complexity and social change.(UG)
Edited and compiled by David Levinson and Richard A. Wagner.

VOLUME II: DEATH AND DYING IN THE LIFE CYCLE (IBM)
Volume II includes 104 variables including data on birth, birth control, infanticide, abortion, marriage, treatment of the aged, and death. (UG)
Edited and Compiled by Anthony P. Glascock and Richard A. Wagner.

CULTURAL DIVERSITY DATABASE (IBM)
Anthropological data on 177 variables for 186 cultures, taken from the much larger data series from World Cultures, edited by Douglas R. White. Comes with a menu driven system for data retrieval, listing, mapping, crosstabulation, and saving output to disk. (UG)

GENEALOGY ON DISPLAY (IBM)
A well-rated program useful for anthropological or historical research. (UG) (RF45)

MODELING SYSTEMS OF KINSHIP AND MARRIAGE (IBM)
This program users extensive graphics to present an interactive tutorial on kinship and marriage systems for courses in anthropology.(UG)
By Martin Ottenheimer, Kansas State University

DATASETS

NCSC is producing a series of teaching datasets which will work with a variety of formats. Instructors wishing to distribute datasets are encouraged to contact the NCSC.

CITY AND COUNTY DATABOOK 1983: STATE AGGREGATES (IBM)
Provides state-level aggregate data from Census. Includes retrieval software. PD. (UG)

CRIME DATA DISK (IBM)
Contains variables pertaining to 126 variables on crime and corrections-related U.S. data . Formatted for Lotus, dBASE, SPSS, DIF and ASCII. (UG)

CULTURAL DIVERSITY DATABASE (IBM) *see under Anthropology*

DEATH AND DYING IN THE LIFE CYCLE (IBM) *see under Anthropology*

ECONOMIC DATA DISK (IBM) *see under Economics*

GENERAL CULTURAL AND RELIGIOUS DATA (IBM) *see under Anthropology*

NATIONS OF THE WORLD DATABASE (IBM)
A dataset drawn from many sources with 116 variables on 111 countries, mostly from 1980 statistics. Formatted for Lotus, dBase, SPSS, DIF and ASCII. (UG)

SENATE DATA DISK (IBM)
Over 176 variables compiled on the 1985 U.S. Senate including voting records, districts, biography, etc. Compiled in 1986. Formatted for Lotus, dBASE, SPSS, DIF and ASCII.(UG)

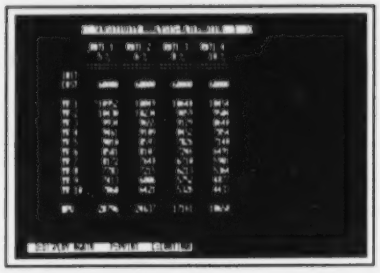
SMADB-86: CITIES AND STATES
The State and Metropolitan Area Data Book, 1986 data for states and for MSA's and central cities (not for county data). Includes software for retrieval and file management. Conversion compatible with Lotus and dBase formats. The 139 state files contain 65 records, each on up to 25 variables. The 14 MSA/central cities files contain 1,466 records. On 12 disks. Requires 256K. Sampler available. Extra manuals $20. (SR/GR)

STATE DATA DISK (IBM)
Data on 128 variables on the 50 American states plus the District of Columbia plus U.S. totals, including demographic, economic, political, and social variables. Compiled in 1986. Formatted for Lotus, dBase, SPSS, DIF and ASCII. (UG)

ECONOMICS AND BUSINESS PROGRAMS

BUDGETING DEMONSTRATIONS FOR PUBLIC MANAGEMENT (IBM)
This program demonstrates three public budgeting concepts: (1) cash basis accounting versus accrual accounting; (2) line item budgets versus program budgets; and (3) the concept of net present value in the context of costs and benefits. (UG)

C + I + G INTRODUCTION TO MACROECONOMIC MODELING (IBM)
This is a menu-driven introduction to macroeconomic modeling, including tutorials, exercises, and graphics on consumption, savings, investment, income, government, taxation, and the multiplier effect. Requires Lotus 1-2-3 (tm).
By Dr. Frank Vorhies , University of Denver



COST-BENEFIT ANALYSIS (Apple, IBM)

Present value, sensitivity analysis, internal rate of return. Included with program is a tutorial.(UG)

By E. Tim Thompson, North Carolina State University.

COUNTY BUSINESS PATTERNS ANALYSIS (IBM)

The CBP program is a menu-driven database package designed around the CBP census database . Sample files are included, but data files for counties in each of the 50 states are available at additional charge . The program provides listing and reporting shift share analysis, location quotient, economic base analysis, and input/output modeling. (G)

By Robert P. Sechrist, Indiana University of Pennsylvania

D = S (IBM)

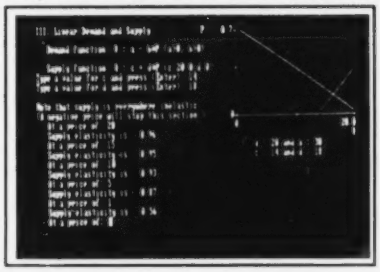
Tutorial on supply and demand for introductory economics courses. Note: requires Lotus 1-2-3 (UG)

By Dr. Frank Vorhies, University of Denver

ECONOLAB (IBM)

Consists of two economic simulations. ECONOLAND enables a student to experiment and see the results of macroeconomic policies on the simulated economy of EconoLand. The student can manipulate tax rates, government spending, money supply and/or interest rates. The goal i s to find the right policy combinations for full-employment without inflation. ELAB simulates the multiplier effects on GNP, tax revenue, depreciation, disposable income and consumption resulting from an increase in government expenditures or those resulting from tax cut. Also illustrates the results of a simultaneous increase in expenditures and taxes undertaken in order to preserve a balanced budget. Also included is OLIGOPOLY, a simulation of oligopolistic competition. Student manual included. (UG)

By Michael Lovell, Wesleyan University



ECONOMICS PROGRAM DEMONSTRATION (IBM)

This program has five sections which explain: (1) various money supply measures, (2) the gross savings equals gross investment identity in national income and product accounts, (3) linear demand and supply functions, (4) the original Samuelson (1939) multiplier-accelerator model, and (5) a simplified model of monetary policy decisions by the Federal Reserve. This program requires a color adapter card. (UG)

ECONOMY DATA DISK (IBM)

Part of the NCSC dataset library. Annual time series data, mostly 1939 - 1986, on 123 variables from Economic Report of the President, 1987, supplied in Lotus, dBase, SPSS/PC+, DIF, ASCII column aligned, and ASCII comma delimited formats. (UG)

ECSTAT (Apple, IBM)

ECSTAT is a fully operational, menu driven, small econometrics program. Included is an extensive demonstration option which illustrates many of the aspects of econometric modeling f or teaching purposes. Though not required a graphics card is recommended. (UG) (RF25)

By Robert S. Dohner, Fletcher School, Tufts University.

FINANCING CENTERVILLE (Apple, IBM)

Financing Centerville is a budgeting exercise which can be used on a stand-alone basis, or with Edward Lehan's text, Budgetmaking: A Workbook of Theory and Practice (St. Martin's. 1984).(UG)

By Christopher Daniel, Tarleton State University, Texas.

GOAL-SEEKER

Use with Lotus 1-2-3, SuperCalc4, Multiplan, or VP Planner spreadsheets for goal analysis. Calculates inputs for desired output. Memory-resident, requires free 40K. (UG) (RF29.95)

HIGH STAKES OLIGOPOLY (Apple, IBM)

This program, written by Robert P. Edwards of the County College of Morris N.J., illustrates dynamics of price theory under oligopoly. The player competes or cooperates with an oligopolistic counterpart played by the computer. Also illustrates aspects of game theory. (HS/FR)

PC ACCOUNTING SYSTEM II (IBM)

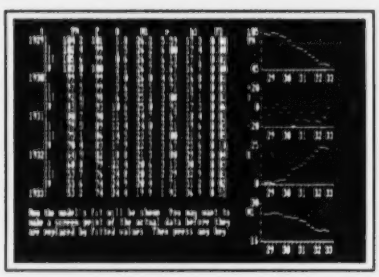
A single-entry accounting system similar to Dome-type ledgers, with accounts payable, accounts receivable, general ledger, inventory, and payroll; balance sheet and income statement reports. (UG) (RF49)

SEASONAL ADJUSTMENT SOFTWARE (IBM)

Public domain software used by the Bureau of the Census for adjusting time series for seasonal and holiday factors. Includes documentation and examples. Outputs several types of plots and graphs. On 3 disks. Requires 256k, 132-column printer, math coprocessor. (SR/GR)

SIMULATING THE GREAT DEPRESSION (Apple, IBM)

A model of the economy from 1929 through 1933. Equations underlying the model are accessible, with explanation of log-linear regression. The model's fit for the 1929- 1933 period is displayed graphically, with data tables for such variables as nominal GNP, price level, unemployment rate, M1 money stock, ratio of currency to demand deposits, and bank failure rate. Various simulation experiments are possible allowing students to view the effect predicted by varying exogenous policy variables in the model, such as the discount rate and the monetary base, federal expenditures, exports, and housing supply. A large quarterly data set is included. The Anderson-Butkiewicz article on "Money, Spending, and the Great Depression" is reprinted in the manual with permission. Requires color adapter card. (SR/GR)



By William P. Yohe, Duke University.

SIMULATING THE U.S. ECONOMY IN WWII (IBM)

An econometric analysis and tutorial on the 1939-1946 period. Users may view underlying equations, compare model with actual data, see effects of altered monetary policies, see effects of altered government spending or exports, print quarterly data. (SR/GR)

By William P. Yohe, Duke University

SUPPLY AND DEMAND (Apple)

A high-school level simulation with suggested exercises for studying marketplace principles. (HS/FR)

TWO MACROECONOMIC SIMULATIONS (Apple, IBM)

These simulations use data from 1929 through 1944 illustrates the Keynesian (income-expenditure) and monetary models of the economy. The program also reviews the concepts relating to the Equation of Exchange and the Keynesian model. Included is a student handbook which expands on concepts and gives important background information. Apple version requires 80 column screen. (UG)

By Robert E. Schenk, St. Joseph's College.

EDUCATION

CONFERENCE DATABASE SYSTEM (IBM)

This comprehensive conference package was designed to allow an individual who has little computer knowledge to keep information concerning conference participants, print mailing labels, receipts, name tags or obtain a list of attendees by options from the menu. This product requires you own dBASE III. (UG)

By Linda Walters, North Carolina State University.

COURSE MANAGER (Apple) ***and COURSE MANAGER -PC*** (IBM)

Will allow you to keep track of grades for a number of courses in three different scales. You may use a letter grade system, (A, B, C, D, etc.), the 100 scale, and the 4.0 scale, delete, and change course information. Sort by name or rank. Grade distribution histogram. Rank and quartile value reports on each test in IBM version. (UG)

DEFINITIONS REVIEW (Apple, IBM)

This program is a drill system for matching a definition with a given phrase, or vice versa. The program comes with illustrative content for organization theory. Changing the phrases and corresponding definition choices can be accomplished easily. (HS/FR)

DEPARTMENTAL DATA MANAGER: COURSES AND EMPLOYEES (IBM)

Departmental Data Manager was designed to manage general information on faculty and on courses in an academic department. (Not a course scheduler). This product requires the user own dBase III (tm). (UG)

By Virginia Hartley, North Carolina State University.

DEPARTMENTAL DATA MANAGER: ALUMNI DATABASE (IBM)

The Alumni Database represents a command- driven, flexible program to add, modify and print mailing labels on alumni for any graduate program. (C) This product requires the user own dBase III (tm).(UG)

By Stanley Littlefield, NCSU

GRADUATE STUDENT DATABASE (IBM)

*This is a flexible tool for graduate administrators, providing on-going monitoring of graduate students from initial application through graduation, including application status, committees , courses work, examination, and personal information. *Note: Works with FORM LETTER Program.(UG)*

By Stanley Littlefield, NCSU

ITEM ANALYSIS (Apple, IBM)

This package analyzes items in survey, questionnaire, test, and performance measurement instruments to improve test content and format. This package handles raw score, true/false, and multiple choice (Likert type) items. Output includes summated scores by case, mean score for universe, response frequencies by item, mean item score, item standard deviation and variance. (UG)

By William T. Martin.

THE LEARN SYSTEM (IBM)

An authoring system for creating computerized lessons and tutorials. (UG) (RF40)

MATCHING QUIZ (Apple, IBM)
Allows the user to take or create a matching quiz. The program is designed to display up to 20 items on the left half of the screen with up to 20 items to be matched on the right half of the screen. (HS/FR)

PC-TEST ITEM DATABASE (IBM)
A test item filer/exam printer for the IBM. Files are dBase compatible, but dBase is not required. Handles as menu items as fit on disk. Hard disk recommended. True/false, multiple choice, essay, and fill-in formats. Color option. (UG)

PRESENT : SLIDE PRESENTATION SYSTEM
Create and run electronic slide shows for class use. Picture compression allows many slides in show. Transfer to film requires Polaroid Palette. Transfer to print requires graphics screen dump utility supplied as software with many graphics printers. (UG) (RF10)

PROPORTIONAL GRADE MAINTENANCE (IBM)
Software to track student grades. (UG) (RF15)

SCREEN SIMULATOR (IBM)
Screen Simulator allows one to display menus and text information screens created with one's word processor. Display of graphics also supported. This enables authoring of instructional modules without knowledge of computer programming. Up to three levels of menus of up to 25 choices each, followed by any number of information or graphics pages per selection. Selections limited by disk size. (SR/GR)

TEACHING IS EASY COURSEWARE SYSTEM (IBM)
A comprehensive authoring system for creating your own computerized lessons on any topic, without the need to know how to program. Specify color or monochrome version when ordering. (UG)
Written by Theodore Lewis.

TEST ITEM FILER (Apple)
A menu-driven test authoring system which gives the user the ability to create a database of questions including their answers and category codes. The system allows for multiple choice questions with 5 answers each in nine different categories. True/False questions may also be added. (UG)

ENGLISH and TEXT ANALYSIS

CONTENT ANALYSIS (Apple)
Analyzes an ASCII text file (such as created by the print-to-disk option on a word processor, or by downloading) for up to 50 categories of up to 30 search strings, 10 exclusion strings, and 10 combination strings. Sentence-oriented. Prints marked text. Computes category and string counts, saves data in standard format. (SR/GR)

GOLDEN RETRIEVER PUP (IBM)
Memory-resident pop-up utility which allows location of any phrase in any file (including spreadsheet and database files) in any or all directories. Supports wildcard and similar-to searches, cut-and-paste. Works only on floppy disks to 720K. (DEMO) (UG)

KWIK TEXT INDEX (IBM)
Produces keyword in context indexes to one or multiple text files. (UG)

PC-OUTLINE (IBM)
Outline, organize, rearrange items; autonumber; auto-indent; works memory-resident with most word processors. Requires 64K, 1 drive. (UG) (RF94.95)

PC-STYLE (IBM)
Style-checker for grammar and usage.. (UG) (RF34.95)

PC-WRITE (IBM)
Leading user-supported word processor with spell checker (UG) (RF 89)

PRE-WRITING (Apple, IBM)
A comprehensive package for English composition and other students, written by Joan Hocking of Pennsylvania State University at Mont Alto. This package assists with the invention stage of writing and aids students in formulating topics and writing strategies in description, narration, analysis, comparison, and other categories. (HS/FR)

SCREENWRIGHT (IBM)
In conjunction with a word processor (such as PC-Write, $10), creates properly formatted and marked versions of a play for the director and each actor. (UG) (RF10)

SEEKEASY (IBM)
A freeform text database for short items (up to two 80-column lines), allowing retrieval even when the search request is misspelled or imprecise. Can import/export ASCII text files. Useful for short open-ended survey items, quotations, titles, and other lists. (UG) (RF30)

SNOBOL4 WITH POETRY GENERATOR (IBM)
The SNOBOL4 language except real numbers and expert functions. This text processing language is widely used in the humanities. Comes with several excellent example programs, including an automated poetry generator. (DEMO) (SR/GR)

STYLE-ED (IBM)
Two programs which monitor prose and measures several dimensions of style. Stylist graphs and liststo the screen. STYLED monitors sentence length, word length, punctuation, syntax, weak verbs, and nominalization and reports to disk files which you can use when you edit. (RF10)

TEXT ANALYZER (Apple)
Organizes ASCII text files (such as created by the print-to-disk option of a word processor or by downloading) by content. Allows researcher to mark text with keywords line by line without altering original file. After marking, keywords in context (user-controlled extent of context) can be sent to screen, printer, or text file. (SR/GR)

WORD MATCH (IBM)
A content analysis package which can be used to analyze documents, open-ended survey questions, field notes, transcripts, and other test. Allows "boring words" or user-sepcified words to be excluded. Requires text be organized into "chunks" by placement of a marker symbol, though chunk may be entire document. Outputs record numbers in order of highest frequency of finds from user search list, with found words and their counts. Plus counts for each file and for entire search. Supports multi-file searches, search phrases, root words and thesaurus synonyms. Written in C for high speed. Includes dBASE III interface program. Compatible with Resnoter (back cover) and KWIK. (UG)

FOREIGN LANGUAGE

FLEECE: COMPUTERIZED GERMAN (IBM)
A set of 9 disks of computer materials for introductory German. Fleece is a completely menu-driven system of 180 tutorial and practice units which consist of brief grammar explanations designed for easy over-view through color, graphics, and animation, and of vocabulary aids. From any point in the practice units the student can access tutorials, vocabulary, or help units and then resume where he left off. Extensive corrective feedback features. Divided into three groups utilizing progressively more German and less English. Includes student record management software. Requires 256K, two drives, color display. Floppy, hard drive, and network versions available. Demo available. (UG)

LANGUAGE TEACHER SERIES (IBM)
Drills for nouns, verbs, and phrases with retesting of missed items and diagnostic results plus test printing. Foreign characters display even on monochrome screens. Large test sets included but instructor may make own on a word processor. By Andrew Bartorillo. (PD) (UG)
These Versions Available: French Teacher, Spanish Teacher, German Teacher, Italian Teacher

FRENCH LANGUAGE ASSISTANT (IBM)
A reference/tutorial program which provides online help with most conjugations of French verbs. Can be memory-resident and "pop up" within other applications like word processing. (UG) (RF25)

RENDEZ-VOUS: FRENCH TUTORIALS (IBM)
A complete course tutorial package for introductory French. Can be used independently or with Rendez-vous, 2nd Edition. On 19 disks. Requires 256K, two drives, color monitor. Complete package includes demo disk. Site license and demo disk available. (HS/UG)

SPANISH LANGUAGE ASSISTANT (IBM)
A reference/tutorial program which provides online help with most conjugations of Spanish verbs. Can be memory-resident and "pop up" within other applications like word processing. (UG) (RF25)

GENERAL INTEREST

CALORIE COUNTER FOOD MANAGEMENT SYSTEM (IBM)
A complete system for calculating caloric and protein food value of daily intake. Also calculates recommended dietary goals. (HS/FR)
By Michael Cieslak.

FORM LETTER (IBM)
Utility to print form letters and labels. This program is compatible with dBASE files but dBase is not needed to operate the program. (UG)

FREECALC (IBM)
An electronic spreadsheet with a limited wordprocessor. Requires 256K, 1 disk drive, color or monochrome monitor, parallel printer; 250 rows by 50 cols (12,500 cells). Uses available memory up to 640K; supports macros, variable col. widths, insert/delete/move; copy rows and columns; 15 significant digits; online help screens; file export; auditor. (RF47.50) (UG)
by Steve R. Stillwell

FREEFILE (IBM)
This database program will create, format, import/export, and modify databases; view, print, search, sort index, modify and delete records. Also will; select cases, fields to print; compute new fields from existing ones. It is menu driven and user friendly. Requires 256K, 1 drive, either color or monochrome monitor. Unlimited number of records; 1000 character record length; 100 fields max per record; 65 characters per field; 1 file can be opened at a time (not relational). (RF45)
By Steve R. Stillwell

HERCULES UTILITY (IBM)
Allows those with a Hercules Graphics Card to run most software designed for the IBM CGA Graphics Card, as is some NCSC software. (UG) (RF9.95)

HOMEBASE (IBM)
Powerful, user-friendly desktop organizer with editor/word processor, calendar/appointment book, terminal communications, cut-and-paste operations, calculator, and DOS services. Requires 256K, 2 drives. Hard disk recommended. (UG) (RF10)

HUMANET DEMONSTRATION DISK (IBM)
An on disk simulation of the international professional computer network for the humanities. (you do not have to be "on-line" to use this disk . The demonstration disk is available for $1. (UG)

INSTACALC (IBM)
Memory-resident spreadsheet pops up within your other applications. (UG) (RF40)

LITERATURE/LIBRARY DATABASE (IBM)
This program enables the user to maintain a database of literature, with easy data entry, search and retrieval by author, and formatted reference-style alphabetical listings. Up to ten user-defined codes may be attached to each citation as can notes of up to 5000 characters. Citations can be filtered to select only those needed for a given purpose. The program will also create a text file of all or selected citations for use with almost any word processor. (UG)

MAILING LIST PROGRAM (Apple)
Maintain mailing list of any size; print one-across labels and envelopes; search and sort on any field; any number of associated non-printing data fields to keep track of additional information; full file printout option to retrieve thisinformation; form letter capability when used with a DOS-based word processor (e.g., Screenwriter; Applewriter). (UG)

MAIL MONSTER (IBM)
A mailing list manager and mail label printer, including capacity to mail merge data files with word processing programs. International postal zone formatting. (UG) (RF10)
By Peter T. Dyer, Windward Community College, Hawaii

NCSU MINI-DBMS (Apple)
A database for small files. Extensive error trapping. For lists and sums. (UG)
Written by John Russ, North Carolina State University.

PC-CALC (IBM)
A user-friendly spreadsheet with most functions. Includes tutorial. Requires 128K, two drives. (UG) (RF59.95)

PC-DIAL (IBM)
A popular modem communications program. Requires 256K memory, serial port with modem. (UG) (RF59.95)

PC-FILE+ (IBM)
Newest version of Jim Button's widely used IBM database management program. Not relational. 128K required. (UG) (RF59.95)

PC-GRAPH (IBM)
Plot and graph data from PC-FILE, up to 1,000 records. Requires 192K memory, color graphics. Requires PC-FILE +. (UG) (RF49)

PC-KEY-DRAW (IBM)
A powerful graphics package for the IBM PC and compatibles. Contains features ranging from those designed for a mechanical engineer to those required by an artist, electrical engineer or architect. (UG) (RF100)

PC-TICKLE (IBM)
Calendar with tickler files to prompt action. (UG) RF34.95)

PC-WRITE (IBM)
The leading user-supported word processing package. This powerful program comes with a speller checker. (UG) (RF 89)

PERSONAL INFORMATION SYSTEM (Apple)

Produces alphabetized phone and address lists categorized in up to 10 departments. Search/ retrieve by last name or social security number. (UG)

POLINET DEMONSTRATION DISK (IBM)

This is a program demonstrating the international computer network for social sciences. You do not need to be on-line to run this demonstration program. Available for $1. (UG)

POWER MENU (IBM)

This program is particularly suited for end-users who would rather not worry about subdirectories, command line parameters, and command names. For instance, you can set up your PowerMenu to run a word processor when the W key is hit. Users exit from word processing, are back in the main PowerMenu, and need never interact with the Disk Operating System (DOS) ! (RF94.95)

PROCOMM (IBM)

Highly rated communications pack. SUpports Xmodem, Kermit, other protocols. Macros. Includes text processor. Requires 128K memory, modem, 1 drive. (UG) (RF10)

WAMPUM DATABASE MANAGER (IBM)

A full-featured, menu-driven relational database competitive with dBASE and dBASE compatible files; built-in form letters and labels. Requires 512K and hard disk with 720K free space; (RF25) Includes network version with file and record locking, (network requires DOS 3.1) (UG) (RF50)

HISTORY

AMERICAN HISTORY ADVENTURE (Apple, IBM)

A game- format quiz on 10 periods of American history. Questions can be modified and entirely new quizzes created by the instructor. Question formats are multiple choice, true-false, and fill-in-the-blank. The player moves on a grid game board. Progress in the game sometimes requires correctly answering a quiz item. (HS/FR)

FEDERALIST PAPERS (IBM)

The complete text of The Federalist Papers, with elementary search software. (See English & test Analysis for more powerful software.) (UG)

NOMINEE '84 (Apple)

Nominee '84 is a simulation of the 1984 Presidential nomination. It teaches about the Democratic race in 1984 and about Presidential politics in general. Using actual data from the campaign, the program lets the user "run" against all the candidates for the Democratic nomination. (HS/FR)

Written by David Bianco, St. Louis, MO.

STARDATE (IBM)

Stardate provides accurate calendar and almanac information for the centuries between 4713 BC (or BCE) and 32000 AD (or CE). For dates on which both Julian and Gregorian calendars were in effect, Stardate provides a comparative calender. Also provided are calendars and data on the rising and setting of the sun and phases of the moon. Includes built-in historical databases on the United States and Great Britain. (SR/GR)

By Ted A. Campbell, Duke University.

TIME-LINE (IBM)

Maintains historical databases and prints selected events in up to six categories with extended descriptions on single or parallel time-line charts. (UG)

MANAGEMENT PROGRAMS

DECISION-MAKING (Apple, IBM)
Multi-criterion decision-making and voting with weighting or controls; selection by value weighting. (HS/FR)

LIAM: LEGAL INSTITUTIONAL ANALYSIS MODEL (IBM)
An expert system to assist in agency negotiations. (SR/GR)
Created by Bertram Lamb, U.S. Fish and Wildlife Service

LOTUS INTERMEDIATE TUTORIAL (IBM)
Please specify either Version 1A or 2.0 with order. Provides an on-disk tutorial which may be taken after the one which comes with the Lotus 1-2-3 (tm) spreadsheet itself. Among other topics, the tutorial covers the use of macros. Teaching database provided. Lotus 1-2-3 required. (UG)

MANAGEMENT STYLE ASSESSMENT (Apple, IBM)
Asks situational management questions and rates the user on a three-dimensional leadership grid, providing individualized feedback on management style. (UG)

PCPM PROJECT MANAGEMENT (IBM)
PCPM is a project management system using the critical path method (CPM). It calculates the critical path, precedence networks, and Gantt charts. It also tracks cash flow and cost reports. Sample data for a contracting business. (SR/GR) (RF10)

PERT: PROGRAM EVALUATION AND REVIEW TECHNIQUE
(Apple, IBM)
Project management; prints critical path, early and late start times; print Gantt charts. (UG)

POLICY PERCENTAGING ANALYSIS (Apple)
An alternative to cost-benefit analysis, not requiring reduction of all benefits to dollar terms. With examples. (UG)

SERIATIM: MULTI-CRITERION DECISION-MAKING (IBM)
This statistical program enables comparisons of a given field by its composite rankings on other criterion fields. Criterion fields must be numeric but need not be of the same type or scale. Alternatives may be listed in original order, alphabetical order, and by composite rank score. Subsets of cases may be selected for detailed comparison/examination of scores. (UG)
By Andrew R. Gilpin, University of Northern Iowa.

PHILOSOPHY and RELIGION

BIBLE (IBM)
The Complete King James Version in word processable ASCII files. Comes with elementary list and search software. (UG)

FOLLOWING ARGUMENTS (IBM)

A set of 13 computer lessons in critical thinking for logic and research methods courses. Topics include assessing arguments, translating claims to standard categorical propositions, disjunctive arguments, necessary/sufficient conditions, diagramming argument chains, and fallacies. (UG)

By Daniel Lyons, Colorado State University

INDUCT II/FAST II (IBM)

The revised version of two programs for introductory logic and research methods courses. Using graphically displayed "worlds" or problems, students try to induce the rules underlying these "worlds". Twenty-five "worlds" are provided. Requires color monitor. (UG)

By Robert Causey, University of Texas-Austin

LOGIC/WORK CHECKER (IBM)

A program to check work in symbolic logic, including truth tables, proofs in propositional logic, as well as 1st order functional calculus with identity. User can supply own exercises or use ones supplied, keyed to popular texts such as Copi. (UG)

By Nelson Pole, Cleveland State University

PHILO THE LOGICIAN (IBM)

Determines if student formulas are logically equivalent to the correct one for an exercise in truth-functional logic, and expresses the student formula as an English sentence. Tabulates frequency of mistaken formulas for exercise analysis. Instructor may edit or change the supplied exercises. (UG)

By R. G. Wengert, University of Illinois at Urbana-Champaign

THEOREM GENERATOR WITH CAUSE CAUSAL INFERENCE (IBM)

A computer algorithm for deductive analysis. This program is suitable for research and instruction in axiomatic theory construction, from simple syllogisms to complex systems.

By Donald E. Muir, The University of Alabama.

WORDWORKER: THE ACCELERATED NEW TESTAMENT (IBM)

This is an electronic New Testament Bible thesaurus. The user can view and select any New Testament word or combination and then search and display the text of verses that meet the request. In memory resident mode, verses may be copied into a word processor. Features include on-line help, bookmarks, speed reading, word use and 14,800 references. Requires two drives. (UG) (RF 45)

POLITICAL SCIENCE

AMERICAN POLITICS ADVENTURE (Apple, IBM)

A game - format quiz program with 175 questions in seven categories of political science. Instructor may add to or modify the program question set. The format consists of multiple choice, true-false, and fill in the blank questions. (HS/FR)

ARMS RACE (Apple)

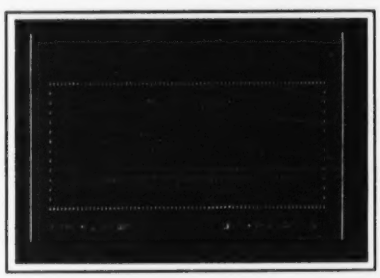
Allows users to select one of five arms race strategies for the U.S. and the U.S.S.R.; projected results are then graphed for the results of the combined strategies. Academic references are listed. (HS/FR)

By James W. Tankard, Jr., University of Texas.

AT THE BRINK (IBM)

Simulates future foreign policy crisis in Nicaragua; relates to historical events, decision-making literature. (UG)

By Richard Best, North Carolina State University



CAMPAIGN! (Apple)

Includes options for fund raising, building local organizations, campaigning in selected states, and allocating resources. (HS/FR)

Written by Joel Davis.

DIRECT MAIL POLITICS SIMULATION (Apple, IBM)

Simulates direct mail campaign technique. (FR)

By Constance Ewing Cook, Albion College.

ELECTORAL COLLEGE SIMULATION (Apple, IBM)

A Monte Carlo simulation. Electoral outcomes are determined by historical state voting propensities, historical month-by- month change trends, and by a random normal (Monte Carlo) chance factor. Color map of standings with option for data printout. User can modify assumptions and campaign length. Model can be used to illustrate Monte Carlo simulations. (Note: IBM version requires a color adapter card.) (HS/FR)

ELECTORAL VOTE FORECASTER (Apple, IBM)

Takes the results of a national poll on an upcoming presidential election and computes electoral college votes, implementing the Goldman stalemate index for each state. (HS/FR)

By Danny M. Adkison, Oklahoma State University.

EQUALIZER (Apple, IBM)

Calculates distributing upto 50 objects of varying value into a given number of sets, in such a way that the sets are almost of equal value. This program was originally created for redistricting of voting precincts but can be used tor he equitable distribution of almost any resource. (SR/GR)

By James T. Parr, Illinois State University.

INTERNATIONAL AFFAIRS PROGRAMS (Apple)

A set of three programs. "World Food Simulation" is a computer implementation of the well-known "Baldicer simulation". The player represents a nation and the computer plays 14 other countries buying and selling food machines. At critical point user can determine level of world cooperation/competition. "Commons Tragedy Simulation" is similar, requiring cooperation to avoid ruin of common lands. "Coup d'Etat Tutorial" is a decision- making game in which the student plays the role of an insurgent trying to overthrow an incumbent regime. (HS/FR)

INTER-NATION SIMULATION 2 (Apple, IBM)

*This program is based on earlier work by Harold Guetzkow, a classic international relations simulation. INS-2 is a "person- machine model", requiring live role-playing by students as well as interaction with the computer. Printer recommended. * Additional manuals $8 (UG)*

By Bahram Farzanegan (UNC-Asheville)

INTER-NATION SIMULATION VIDEOTAPE

A 120 minute VHS videotape presentation providing description, explanation, and instruction for use with Inter- Nation Simulation program.

By Bahram Farzanegan (UNC-Asheville)

PRESIDENTIAL ELECTION GAME/SIMULATION (Apple, IBM)

A resource allocation game. Player takes stand on thirty issues in poll, then allocates time and money to campaign. Computer plays opponent. Player determines number of campaign weeks. After each week color map shows standings. Election is determined by historical state voting propensities, time and money allocations, difference between candidate's liberalism and that of the state historically, and a chance factor. In simulation version, computer plays both candidates. Model is too simple for actual electoral projection but can be used as basis for class discussion of computer modeling. (Note: The IBM version requires a color graphics card.) (HS/FR)

PRESIDENTIAL ELECTION QUIZ (Apple, IBM)

Predicts election on basis of 13 questions based on Lichtman-Keilis-Borok theory. (HS/FR)
By Sanford R. Silverburg, Joseph K. Goldman, and J. Mark Brown.

PRISONER'S DILEMMA (IBM)

The classic game theory illustration. (HS/FR)
By Jeffery Hart and Marc Simons, Indiana State University

RICHARDSON ARMS RACE MODEL (IBM)

Implements Richardson model for your data or supplied example. (Note: A graphics adapter card is required) (UG)
Written by Philip Schrodt, Northwestern University. IBM version written by Jeffrey Hart and Marc Simon, Indiana University.

SINGLE TRANSFERABLE VOTE (Apple)

Accepts user-input data or sample vote data supplied on disk to compute electoral outcomes using the STV method, which is a fair method of election when there are multiple candidates and multiple offices (e.g., as in city council elections) when the normal voting method misrepresents true preferences. (SR/GR)
Written by James T. Parr, Illinois State University. (O)

SSDS VOTE RANKINGS (Apple)

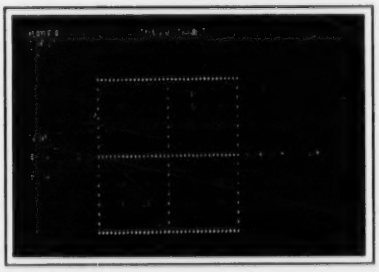
This program provides an easy method of producing a ranked list of legislators on the basis of their votes on a set of issues. Interest group ratings can be generated, for example, from a set of environmental votes. NOTE: Requires user own the Social Science Data System version 2.0 or higher for data entry and editing. (UG)

STATE DATA SYSTEM

Edits and prints data on the 50 states; prints scatterplots and maps; sample data included. (note: IBM version requires color graphics capabilities.) (UG)

TRAGEDY OF THE COMMONS (IBM)

A simulation that will help familiarize the player with Garret Hardin's concept of the "Tragedy of the Commons". The simulation is based on the idea that exploitation of a commons may lead to a gain for an individual but an overall loss for the community. (HS/FR)
Written by David Ramsey, Jeffrey Hart, and Dave Garson.



TWO-PERSON PRISONER'S DILEMMA (Apple, IBM)

This program allows two students to compete against each other on one computer. The Prisoner's Dilemma is the classic illustration of game theory, focusing on the dynamics of cooperation and competition. (HS/FR)
By Jim Tankard, Austin Tx.

VOTING POLL (Apple, IBM)

A demo program for open house days; vote for candidates and instantly see color graphic results-to-date. (HS/FR)

VOTING POWER INDICES (IBM)

Shapley-Shubik and Banzhaf voting power indices are computed. Sample data provided.
By Jeffrey Hart and Marc Simon, Indiana University. (SR/GR)

WATERGATE SIMULATION (Apple, IBM)

A decision-making game/tutorial in which the student plays the roles of journalists Woodward and Bernstein during the Watergate investigation leading to the resignation of President Nixon. Illustrates political dynamics and journalistic strategies. (HS/FR)

Written by Greg and Sally Abbas.

WORLD DYNAMICS (Apple)

An implementation of Jay Forrester's world resource model ("The Club of Rome model"), with graphics. (HS/FR)

Written by M.L. Baldwin, G. Abbas, and B. Hawkins.

PSYCHOLOGY

ELIZA (IBM)

Snobol 4+ version of well-known simulation of open-ended psychiatric counseling session. Illustrates use of Snobol 4+ text analysis language. (HS/FR)

OPERANT CONDITIONING (IBM)

This tutorial is a drill on principles of positive reinforcement, negative reinforcement, response cost, and punishment. (UG) (PD)

SIMINTERACT (Apple, IBM)

A simulation of experimental research . The user may create a dataset of parameters defining individuals, then run a computer simulation of their social interactions. Six simulations re provided. The computer can play tone or all (or none) actors in the experiment with , the user playing those remaining. Siminteract uses a stimulus-response model to simulate simple social systems. (UG)

By Donald E. Muir, The University of Alabama

TEST STANDARDS ANALYZER (Apple)

This is an extensive program for scientifically setting pass points for content valid examinations, useful, for example, in personnel testing. (SG/GR)

By Eric Werner

RESEARCH METHODOLOGY

ATTSIM (Apple, IBM)

Simulates the attitude survey process, emphasizing item selection, for classes on public opinion and survey research. (UG)

Written by Malcolm J. Grant, Memorial University of Newfoundland.

COMPUTER TUTOR (IBM)

This program is an interactive tutorial on the history of computing, the IBM PC keyboard, computer terminology, the IBM disk operating system (DOS), and batch files. User-supported. (UG) (RF12)

DATABASE GENERATOR (IBM)

Creates a test database automatically to user specifications, including automatic generation of names, social security numbers, and both alphanumeric and numeric values for fields specified by the user. For creating test datasets for instructional use. Supports correlation of variables and relational databases. Output is .SDF (standard data format column-aligned ASCII), importable by Lotus and dBASE III+. (UG)

LOTUS MULTIPLE REGRESSION TEMPLATE (IBM)

Teaching/Research template to illustrate linear regression with 1 or 2 predictor variables. Also computes correlation matrix, autocorrelation, and associated statistics. Extensive on-disk documentation. This Product requires ownership of Lotus 1-2-3 (tm).(SR/GR)

Written by Mei-chu W. Hsiao and Frank S. T. Hsiao, University of Colorado at Denver.

MARKOV SIMULATOR (Apple, IBM)

Implements Markov models for user-inputted data; choice of equilibrium or intermediate state printouts. (UG)

MINIMUM METHODOLOGICAL & STATISTICAL LITERACY

Minimum methodological and statistical literacy is a booklet designed to be used as a supplement for students of statistics or methodology. Topics covered include data analysis, levels of data, research design and hypothesis, sampling, measures of variability, tables and chi-square, association, correlation, and regression.

By G. David Garson and Michael L. Vasu, North Carolina State University.

PREDICTION PROGRAM (Apple, IBM)

Demonstrates simple regression. Student is invited to predict anything from anything else. Regression coefficients are displayed. The computer tries to guess the student's answers. If the variables are correlated, the computer becomes more accurate after each guess. (UG)

SIBEX INFERENTIAL STATISTICS BY EXPERIMENTATION (IBM)

Teaches sampling distributions, confidence limits, probability levels, and hypothesis testing for population means. Users can input, edit and save data sets. Repeated samples may be generated automatically with and without replacement. Sample statistics are displayed, along with frequency distributions and histograms. (UG)

By Stephen Jarrell, Western Kentucky University.

SOCSTATSIM (Apple, IBM)

By Ellen and Michael Vasu, Susan Babcock, and Paul Ridgeway (North Carolina State University) SOCSTATSIM uses a simulated data set to teach multivariate analysis (elaboration model) for social science students. (UG)

STATISTICAL CONSULTANT (IBM)

This is a program similar to Which Statistic? but is made for use with IBM machines. (UG)

By Robert P. Sechrist, Center for Governmental Studies, Northern Illinois University

WHICH STATISTIC? (Apple,IBM)

Using a decision tree structure, guides students to selection of an appropriate measure of significance or association. (Not a statistics package). (UG)

By O. Zeller Robertson, Saginaw Valley State College.

SOCIOLOGY

CENSUS TALLY/CENSUS RECORD (IBM)

Census Tally takes an ASCII file containing house addresses, matches the addresses with census tract designations (as found in the U.S. Census Bureau's Dime File), and tallies the count of addresses found in each census tract. Census Tally, takes a file in either ASCII or DIF format and, after matching an address, writes an output file containing the census tract number as an additional field. This makes it possible to quickly load a spreadsheet or database. All records can then be sorted by census tract or neighborhood (by aggregating census tracts). The output file can be used as the input file for mapping programs such as Atlas. (SR/GR)

By Michael Cieslak

COMMUNITY MENTAL HEALTH MODEL (Apple, IBM)

An example of regression-based simulation using real data. Change any variable (e.g., alcoholism rate) and see predicted effect. (UG)

DATING AND MARRIAGE (Apple)

A comprehensive tutorial for sociology courses on marriage and the family. (HS/FR)
Written by Denny Braun, Mankato State University.

ETHNO (IBM)

A program for conceptual analysis; aids in defining conceptual connections; draws concept diagrams; useful for teaching qualitative analysis of events and processes. ((SR/GR)
By David R. Heise, Indiana University

FUTURE POPULATION (IBM)

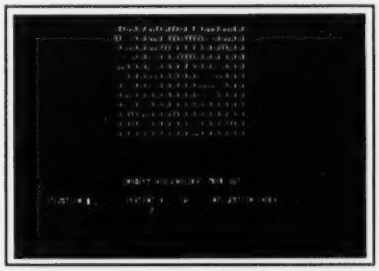
Written by Ralph R. Sell of the University of Rochester, this program is a cohort-component population projection system for the IBM-PC. Output includes annual demographic parameters and single, five years of age or pyramid distributions of population deaths, births, and/or migrants for any or all years in the projection cycle. (SR/GR)

INTERACT/ATTITUDE (IBM)

INTERACT is designed for study of social relations and roles, based on affect control theory; simulates man-woman, doctor-patient, and other relations. ATTITUDE collects ratings of verbal stimuli on bipolar graphic rating scales.
By David R. Heise, Indiana University (SR/GR)

NEIGHBORHOOD SEGREGATION MODEL (Apple, IBM)

A simulation of the dynamics of housing segregation. Illustrates paradox that segregation of the whole will occur even when each person is individually tolerant.UG)
Written by Carl Moody, Edwin Detlefson, Jeffrey Hart, and Wayne Aiken.

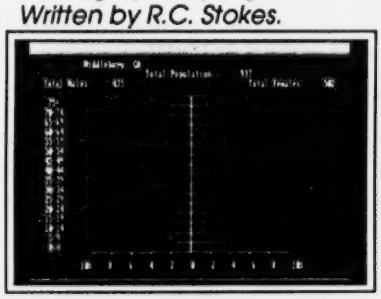


POPSIM (IBM)

A demographic forecasting program comes with databases for over 60 countries of the world. It requires a printer and prints output showing 100 year population, energy consumption, and GNP growth forecasts based on user-supplied assumptions about growth rates, migration rates, energy use rates, per capita GNP, and GNP growth rates., population projections by sex in five-year age categories. (UG)
By Laurence L. Falk and Carol J. Falk, Concordia College

POPULATION (Apple)

Demographics program for world data. (HS/FR)
Written by R.C. Stokes.



POPULATION PYRAMIDS (IBM)

This program, written by Robert P. Sechrist of Indiana University of Pennsylvania, displays on the screen or outputs to the printer population pyramids. (6, 11, or 16 categories) based on user-supplied data.(UG)

PROFIS (Apple)

This is a newly revised version of a well-known set of programs written by George Conklin of North Carolina Central University for instruction of sociology and other students in the principles of introductory data analysis. (UG)

STATISTICAL PACKAGES and EXPERT SYSTEMS

A-STAT (Apple, IBM)

*This is a complete database and statistical package including procedures for univariate variable descriptions, continuous and discrete frequency with histograms, cross- tabulations, 14 measures of association, correlational analysis, multiple regression analysis, factor analysis, including principle component analysis and common factor analysis with varimax rotations, ANOVA, t-tests and much more. Data compatibility with VISICALC, LOTUS 1-2-3, DB MASTER, DIF. Available at $33.00 to members of the academic community only. * Additional manuals $8. (UG)*

By Gary M. Grandon of Rosen Grandon Associates

CROSSTABS II (Apple)

This program by Herbert F. Weisberg, Ohio State University, provides crosstabulation of data including recording, subsetting, and file management of data. Data may be prepared on Applewriter or other word processors. (UG)

CROSSTAT (IBM)

Calculates 25 measures of association for a table. User inputs cell frequencies from keyboard. Allows table to be collapsed for sensitivity analysis purposes. Printer recommended.

By Herbert Weisberg, Ohio State University. (UG)

EPISTAT (IBM)

Epistat is a statistics package for the IBM PC. Its 25 programs implement over 40 statistical functions, including histograms, scattergrams, crosstab reports, significance tests, correlation, linear regression, and 1- and 2-way ANOVA. Requires 64K and 1 drive, 96K and 2 drives are recommended, as are a printer and color monitor. Registration fee not required on this version. (UG)

By Dr. Tracy L. Gustafson, Epistat Services.

EXPERT SYSTEM INFERENCE ENGINE (ESIE) (IBM)

This is an expert system shell which allows the user to build custom 'knowledge bases' and corresponding decision rule sets using rule-base backward chaining. A 'Tutor' program is included for self-instruction. A 'History' file gives background on artificial intelligence. User-supported. (SR/GR) (RF145)

GENERAL FORECASTER (IBM)

Allows researchers without programming knowledge to create simulations based on multiple regression . GF allows up to 17 variables to be analyzed simultaneously. The purpose of GF is to generate hypotheses in the exploratory stages of research or policy analysis or, in a classroom setting, GF can demonstrate simple or cumulative effects of any variable on any other instantly. Sample data set included. (UG)

GUTTMAN SCALOGRAM ANALYSIS (Apple, IBM)

Performs Guttman Scalogram analysis on a set of test items with dichotomous responses. Computes "REP" (reproducibility index) fits significance, and various measures of reliability are also generated,. Interfaces with DIF files created with Visicalc. (SR/GR)

By Andrew R. Gilpin, Univ. of Northern Iowa.

HIERARCHICAL CLUSTERING ANALYSIS (Apple)

Provides hierarchical clustering analysis of up to 60 variables. (SR/GR)

By Andrew R. Gilpin, University of Northern Iowa.

HOTELLING'S T-SQUARED ANALYSIS (Apple)

Computes Hotelling's T-Squared Analysis and related statistics. T-squared is a multivariate analog of an independent groups t-test and may be used as an alternate to 2-group discriminant analysis. Can interface with DIF files (Visicalc) (SR/GR)

By Andrew R. Gilpin, University of Northern Iowa. (B)

IMP EXPERT SYSTEM (IBM)

A powerful development environment for rule-based, backward chaining expert systems. Uses windows. Can handle large rule sets fast. Online help and tutorial. Comes with expert investment advisor as example. (UG) (RF10)

KWIKSTAT (IBM)

A basic statistical package for the IBM. (UG) (RF40)

MULTITRAIT-MULTIMETHOD MATRIX ANALYSIS *(IBM)*

Accepts a correlation matrix as input and outputs an analysis of convergent and discriminant validity of measures among methods, as for psychometric analysis. Requires 360K and word processor for matrix input. (SR/GR)

By T. Hayashi and R. D. Hayes, RAND Corp.

MYSTAT

A version of SYSTAT ™, a leading commercial statistical package, limited to 50 variables and 32,000 observations. May be used in menu or batch modes. Supports descriptive statistics, multivariate crosstabulation, t-tests, nonparametric tests, multiple regression, ANOVA, ANCOVA, and graphical data analysis. ****Free*** *when requested with any order over $100. From SYSTAT, Inc.*

PD-PROLOG (IBM)

A programming language, widely used for artificial intelligence purposes with example expert systems. (SR/GR) (DEMO)

PROBABILITIES (Apple, IBM)

This IBM Program computes exact probabilities for the binomial, negative binomial, hypergeometric, and Poisson distributions. It also computes probabilities and percentage points for the standard normal Student's t, chi-square, and F distributions. Computation is to four decimal places. This facility is superior to interpolation from statistical tables. Public domain. (SR/GR)

By Joseph C. Hudson of GMI Engineering and Management Institute.

PSYCH-PLOT (IBM)

A plotter package which may be used stand-alone or with PSYCH-STATS, to produce bar, line, and scatter plots in APA style; requires IBM 7372 or compatible plotter, graphics adapter. (UG)

By David Anderson, Allegheny College

PSYCH-STATS (IBM)

A statistical package featuring file manipulation (transform, subset, merge, rank), descriptive statistics, frequencies, t-tests, correlation, multiple regression, up to three-way ANOVA, and non-parametric tests. nterfaces with Lotus 1-2-3. Contains two program disks and 1 sample data disk. Compiled. Requires 128k. When ordering, specify if hard disk version wanted. Additional manuals $5. (UG)

By David Anderson, Allegheny College.

SOCIAL SCIENCE DATA SYSTEM (Apple)

Database system with unlimited cases on multiple data disks, 1000 fields, numeric or alphanumeric, sorting on any field, searching by up to five criteria simultaneously, restructurable files, and more. Also supports frequencies, four-way crosstabs, and scatterplots with regression line, and multiple regression. DIF interfacing. (requires graphics adapter for some procedures), (Recommended for datasets with 2,000 data points or less). Printer recommended. (UG)

SPS STATISTICAL PROCESSING SYSTEM (Apple)

This is a major revision by Kenneth Hinze of Louisiana State University of a full-featured Apple II statistical package written by Gregory Buhyoff and others at Virginia Polytechnic Institute. Supports a wide variety of multivariate procedures plus interface with mainframe computers. Hard drive version currently not available. Requires 128k of memory, ProDos . Additional manuals $8. (UG)

SPS DATAGRAPHICS AND MAPPING (Apple II)

A user-friendly, menu-driven statistical package supporting file management, descriptive statistics, histograms, scatterplots, parametric and non-parametric correlation, multiple regression and general linear models, ANOVA, contingency table statistics. Supports ASCII (card-image) and DIF data interchange with mainframes and other packages. SPS Statistical Processing System also available, sold separately. Does not support factor analysis or time series analysis. Requires 128K memory, 1 drive, ProDOS. (IBM version due Spring 1988) (UG)

SUPERSTAT (IBM)

Basic statistical package for the IBM. On two disks. (UG) (RF35)

XY-PC CURVE FITTING (IBM)

Package for data management, curve fitting (straight line and polynomials to 5th order), and curve plotting with high quality graphic output. (UG) (RF35)

PUBLICATIONS

MANUALS

Manuals in this catalog may be purchased separately without disk for $5 except where otherwise noted in software description.

SOCIAL SCIENCE MICROCOMPUTER REVIEW

A quarterly publication from Duke University Press, provides coverage of statistics, simulations, database management, mapping, online data sources, text analysis and other applications of microcomputers. $28 individual; $56 library. Specify Vol. 4 (1986) or Vol. 5 (1987). For this item only make check payable to "Duke University Press".

For a sample issue or to subscribe, contact Duke University Press, 6697 College Station, Durham, NC 27708; (919) 684-2173.

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NCSU Software will pay you $25.00 for your assistance in placing literature on computing (such as this catalog) on display for dissemination at appropriate academic conferences. Use this form to volunteer to assist us in publicizing the availability of computer services for faculty in the social sciences and other disciplines.

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